

#### 1. Excavated Material

- a. Construction of the new bridge will consist of the excavation of 59,100 yd³ of non-vegetated water bottoms.
- b. Removal of the existing bridge will require the excavation of 15,700 yd3 of non-vegetated water bottoms.
- c. Proposed excavation for maintenance during construction consists of 7,500 yd³ of non-vegetated water bottoms.
- d. Proposed pile setting for the construction of the new bridge will displace 12,800 yd³ of non-vegetated water bottoms.

#### 2. Fill Material

- a. Dredged material 82,300 yd3
- i. Louisiana Department of Transportation and Development (LDOTD) is proposing to place the dredged material on a site owned by the City of Grand Isle. The potential placement site is identified on Figure 8a.
- b. Concrete from the removal of the existing bridge 7,500 yd3
- i. Based on relevant law in Section 1805 of SAFETEA-LU, LDOTD must offer the concrete from the removal of the existing bridge to Federal, State, or local government entities.

#### SEC. 1805. USE OF DEBRIS FROM DEMOLISHED BRIDGES AND OVERPASSES.

(a) IN GENERAL.—Any State that demolishes a bridge or an overpass that is eligible for Federal assistance under the highway bridge replacement and rehabilitation program under section 144 of title 23, United States Code, is directed to first make the debris from the demolition of such bridge or overpass available for beneficial use by a Federal, State, or local government, unless such use obstructs navigation.

(b) RECIPIENT RESPONSIBILITIES.—A recipient of the debris

described in subsection (a) shall-

(1) bear the additional cost associated with having the

debris made available;

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(2) ensure that placement of the debris complies with

applicable law; and

(3) assume all future legal responsibility arising from the placement of the debris, which may include entering into an agreement to hold the owner of the demolished bridge or overpass

harmless in any liability action.

(c) DEFINITION.—In this section, the term "beneficial use" means the application of the debris for purposes of shore erosion control or stabilization, ecosystem restoration, and marine habitat creation.

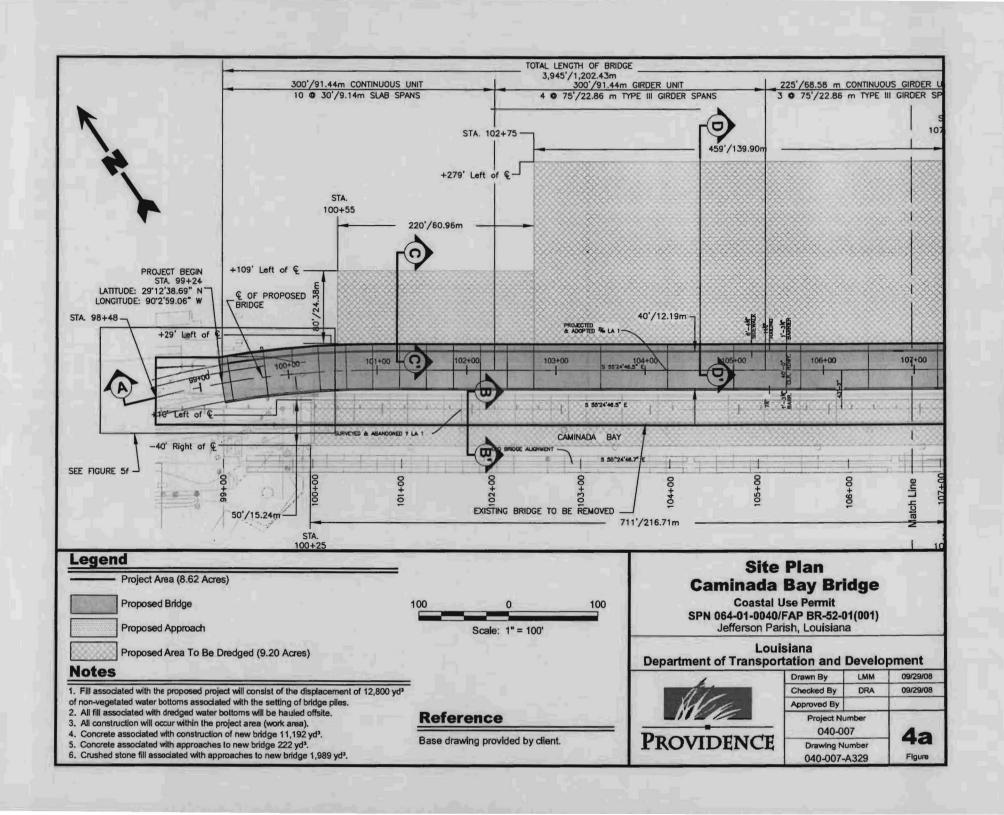
- c. Non-vegetated water bottoms (12,800 yd³) displaced by pile setting will be redistributed by natural wave action.
- d. Concrete fill associated with construction of new bridge 11,192 vd3
- e. Crushed stone fill and concrete fill associated with approaches to new bridge 2,212 yd3
- f. Concrete fill associated with the removal of the old bridge 7,500 yds
- 3. Properties adjacent to the proposed project area and the respective landowner information are attached to the application.
- 4. No falsework, temporary structures, or fender system will be utilized.
- 5. Wisner State Wildlife Management Area is located approximately 2 miles west from the proposed project area, Grand Isle Sate Park is located approximately 6 miles northeast from the proposed project area, East Timbalier Island National Wildlife Refuge is located approximately 20 miles southwest from the proposed project area, Faleau (historical) is located approximately 22 miles northwest from the proposed project area, Swartse School (historical) is located approximately 30 miles northeast from the proposed project area, Sacred Heart Church (historical) is located approximately 31 miles north from the proposed project area, Bohemia State Wildlife Management Area is located approximately 32 miles northeast from the proposed project area, Burrwood (historical) is located approximately 42 miles southeast from the proposed project area, Burrwood (historical) is located approximately 42 miles southeast from the proposed project area, Delta National Wildlife Refuge is located approximately 46 miles southeast from the proposed project area, and Pass a Loutre State Water Fowl Management Area is located approximately 47 miles southeast from the proposed project area.

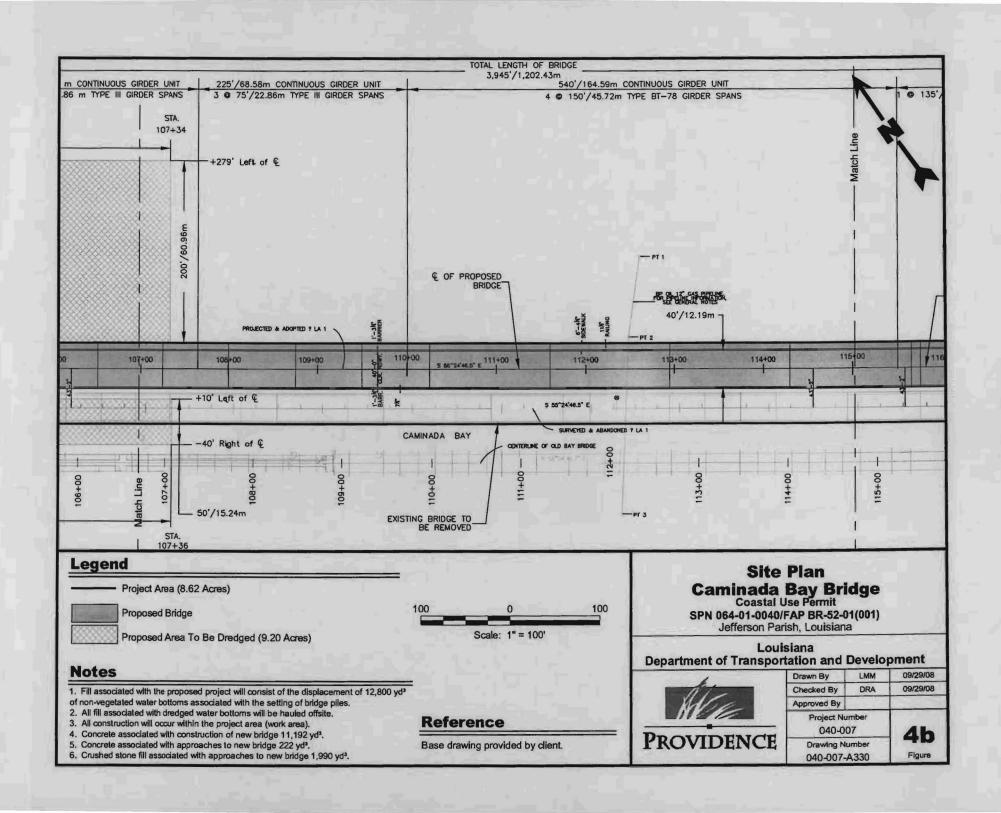
#### General Notes Caminada Bay Bridge

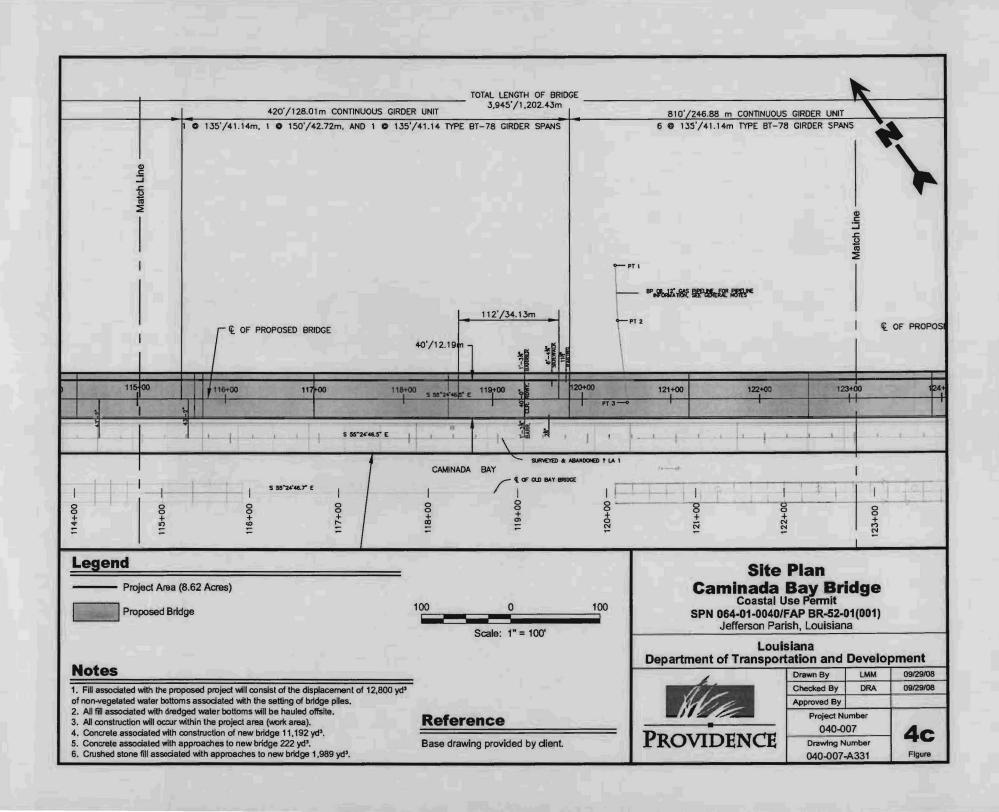
Coastal Use Permit SPN 064-01-0040/FAP BR-52-01(001) Jefferson Parlsh, Louisiana

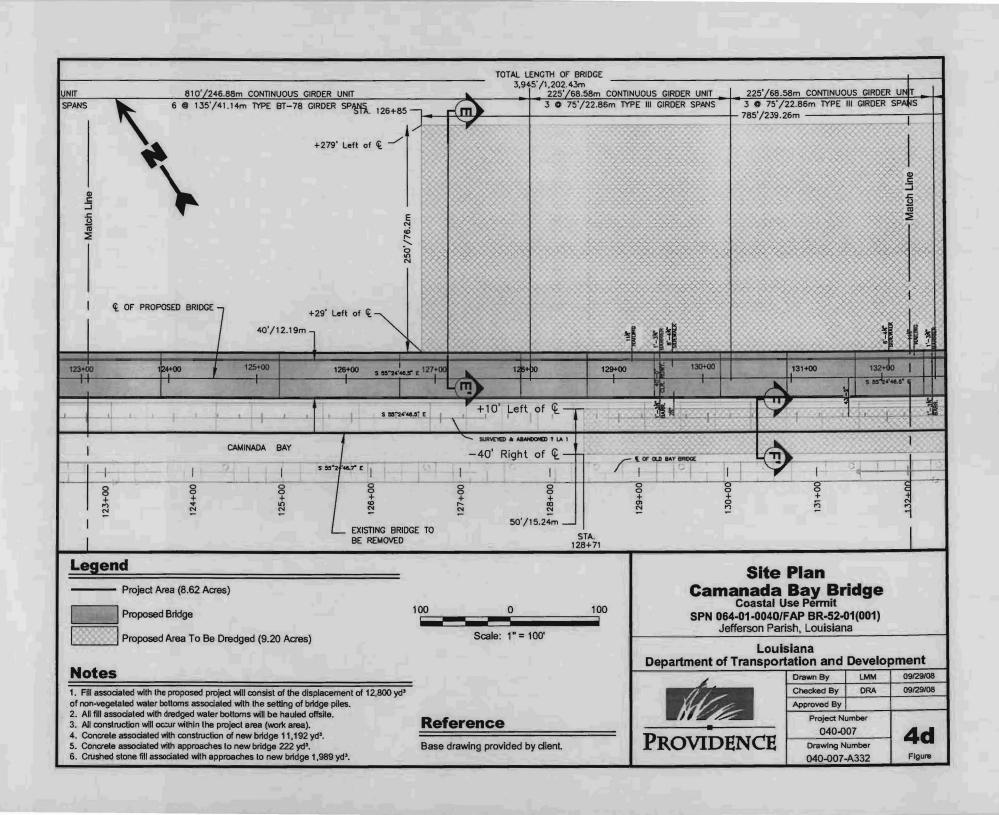


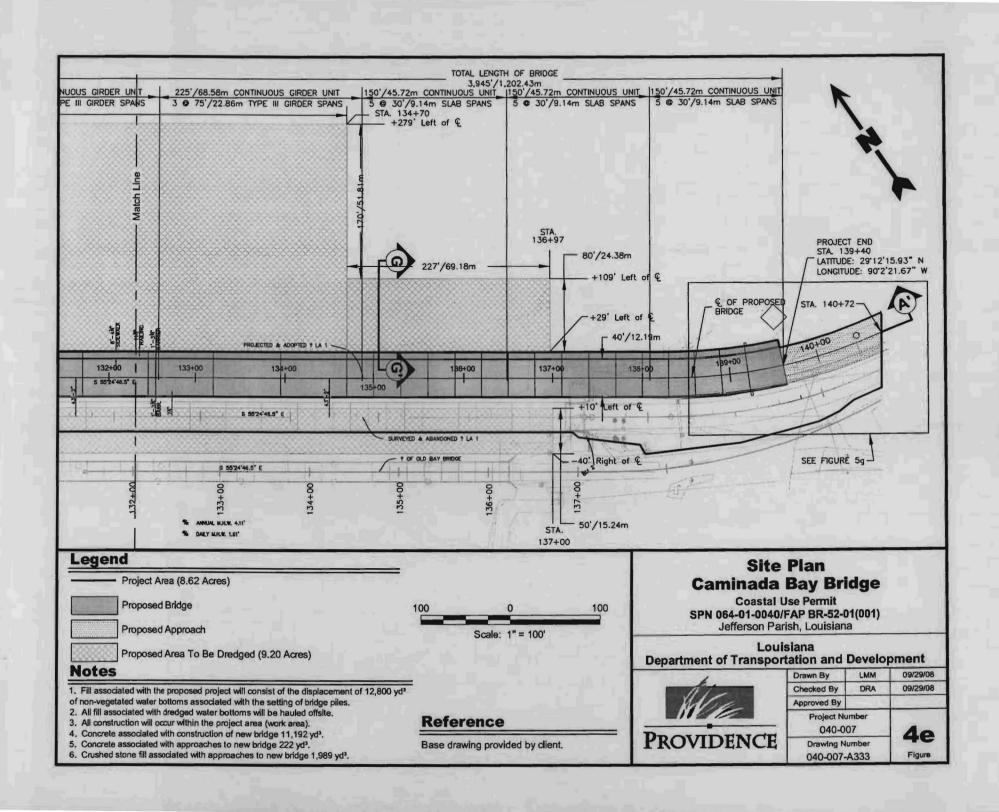
Drawn By	LMM	12/19/08
Checked By	DRA	12/19/08
Approved By		
Project Number 040-007		3
Drawing Number		3
040-007-A534		Figure

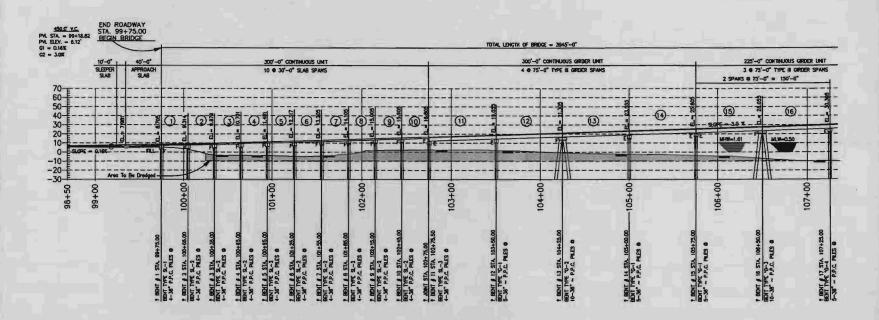












Profile A-A' Scale: 1" = 100'

#### Legend

Proposed Area To Be Dredged Construction of New Bridge = 59,100 yds3 Removal of Old Bridge = 15,700 yds3 Maintenance Dredging = 7,500 yds<sup>3</sup> TOTAL = 82,300 yds3

### 100 Scale: 1" = 100'

#### **Notes**

- 1. Fill associated with the proposed project will consist of the displacement of 12,800 yd3 of non-vegetated water bottoms associated with the setting of bridge piles.
- 2. All fill associated with dredged water bottoms will be hauled offsite.
- 3. Concrete associated with construction of new bridge 11,192 yd3.
- 4. Crushed stone fill associated with approaches to new bridge 1,989 yd3.

#### Reference

Base drawing provided by dient.

### **Profile View A-A'** Caminada Bay Bridge Coastal Use Permit

SPN 064-01-0040/FAP BR-52-01(001) Jefferson Parish, Louisiana



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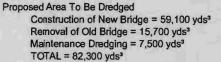
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### 100 0 100 Scale: 1" = 100'

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#### **Notes**

- Fill associated with the proposed project will consist of the displacement of 12,800 yd³ of non-vegetated water bottoms associated with the setting of bridge piles.
- 2. All fill associated with dredged water bottoms will be hauled offsite.
- 3. Concrete associated with construction of new bridge 11,192 yd3.
- 4. Crushed stone fill associated with approaches to new bridge 1,989 yd3.

#### Reference

Base drawing provided by client.

## Profile View A-A' Caminada Bay Bridge Coastal Use Permit

SPN 064-01-0040/FAP BR-52-01(001)

Jefferson Parish, Louisiana



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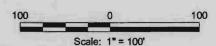
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Profile A-A'

Scale: 1" = 100'

#### Legend

Proposed Area To Be Dredged
Construction of New Bridge = 59,100 yds³
Removal of Old Bridge = 15,700 yds³
Maintenance Dredging = 7,500 yds³
TOTAL = 82,300 yds³



#### **Notes**

- Fill associated with the proposed project will consist of the displacement of 12,800 yd³ of non-vegetated water bottoms associated with the setting of bridge piles.
- 2. All fill associated with dredged water bottoms will be hauled offsite.
- 3. Concrete associated with construction of new bridge 11,192 yd3.
- 4. Crushed stone fill associated with approaches to new bridge 1,989 yd3.

#### Reference

Base drawing provided by client.

# Profile View A-A' Caminada Bay Bridge Coastal Use Permit

SPN 064-01-0040/FAP BR-52-01(001)
Jefferson Parish, Louisiana



Drawn By	LMM	09/29/08
Checked By	DRA	09/29/08
Approved By		
Project Number 040-007		5c
Drawing Number 040-007-A336		Figure

Profile A-A'
Scale: 1" = 100'

#### Legend

Proposed Area To Be Dredged
Construction of New Bridge = 59,100 yds³
Removal of Old Bridge = 15,700 yds³
Maintenance Dredging = 7,500 yds³
TOTAL = 82,300 yds³

### 100 0 100 Scale: 1" = 100'

#### Notes

- Fill associated with the proposed project will consist of the displacement of 12,800 yd³ of non-vegetated water bottoms associated with the setting of bridge piles.
- 2. All fill associated with dredged water bottoms will be hauled offsite.
- 3. Concrete associated with construction of new bridge 11,192 yd3.
- 4. Crushed stone fill associated with approaches to new bridge 1,989 yd3.

#### Reference

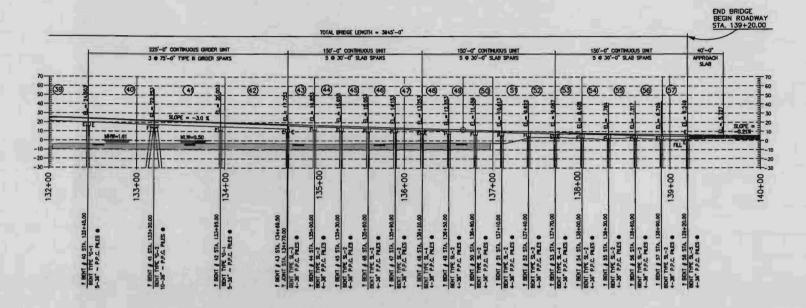
Base drawing provided by client.

## Profile View A-A' Caminada Bay Bridge Coastal Use Permit

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Jefferson Parish, Louisiana



Drawn By	LMM	09/29/08
Checked By	DRA	09/29/08
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Project Number 040-007		5d
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Profile A-A'
Scale: 1" = 100'

#### Legend

Proposed Area To Be Dredged

Construction of New Bridge = 59,100 yds³

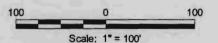
Removal of Old Bridge = 15,700 yds³

Maintenance Dredging = 7,500 yds³

TOTAL = 82,300 yds³

#### **Notes**

- Fill associated with the proposed project will consist of the displacement of 12,800 yd<sup>3</sup> of non-vegetated water bottoms associated with the setting of bridge piles.
- 2. All fill associated with dredged water bottoms will be hauled offsite.
- 3. Concrete associated with construction of new bridge 11,192 yd3.
- 4. Crushed stone fill associated with approaches to new bridge 1,989 yd3.



#### Reference

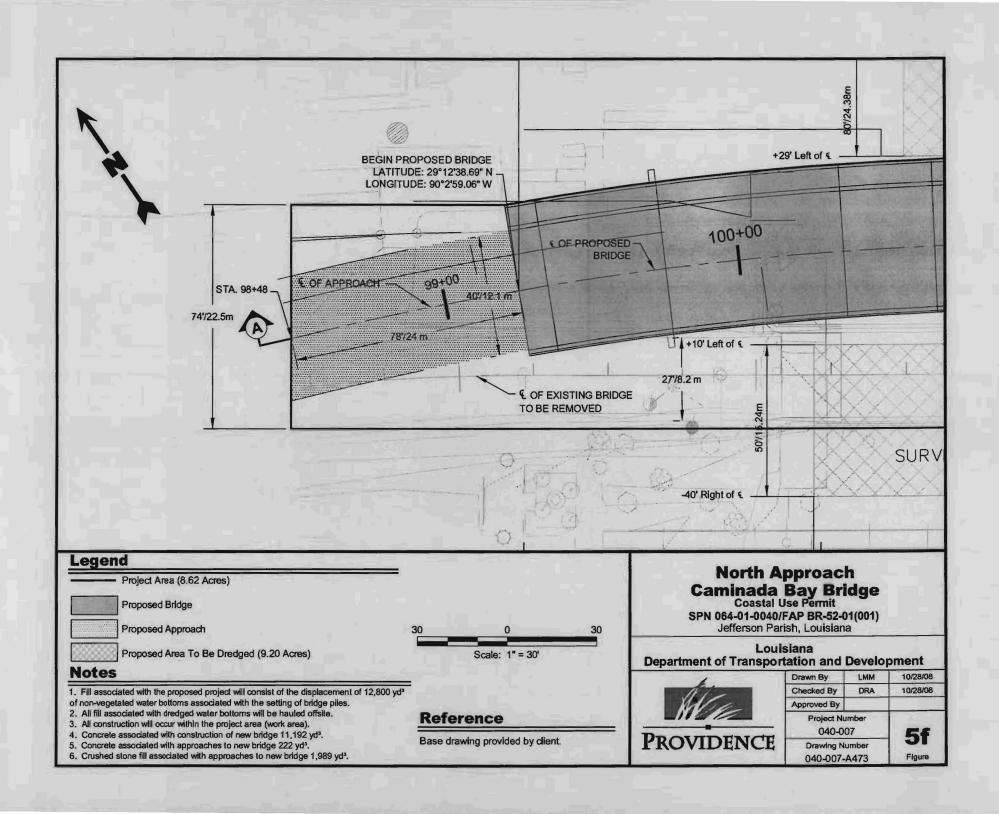
Base drawing provided by client.

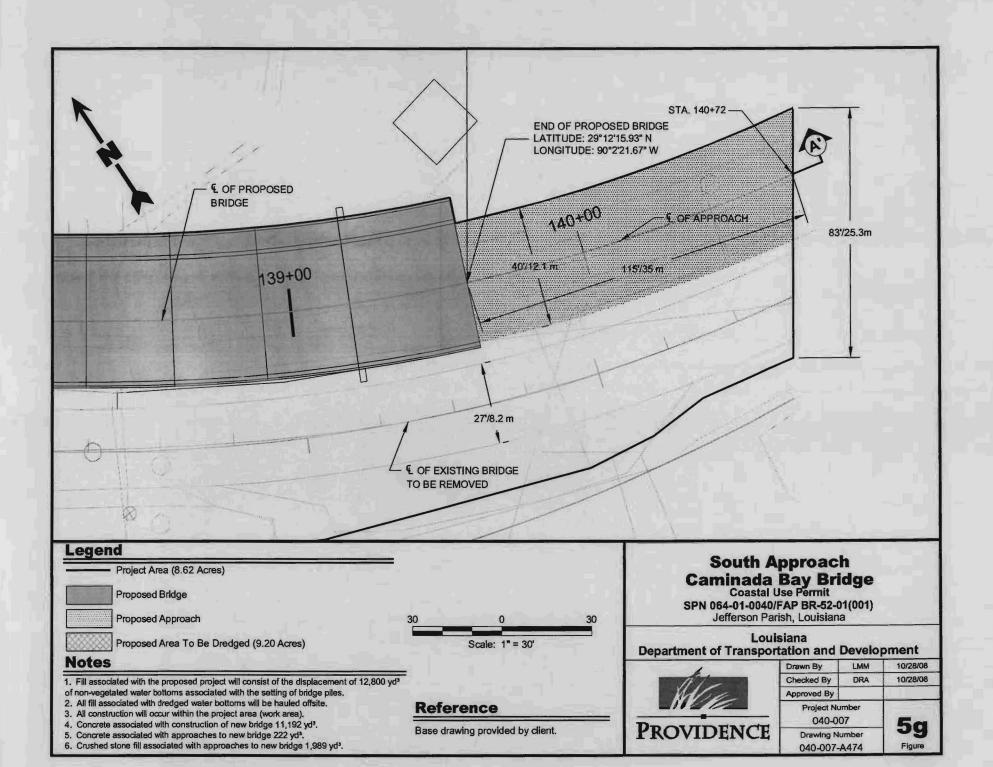
## Profile View A-A' Caminada Bay Bridge Coastal Use Permit

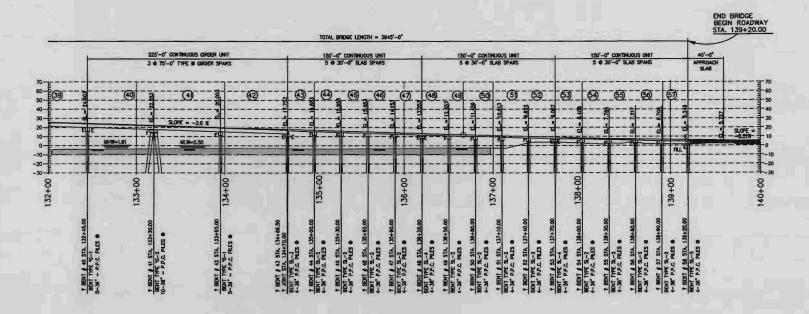
Coastal Use Permit SPN 064-01-0040/FAP BR-52-01(001) Jefferson Parish, Louisiana



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Checked By	DRA	09/29/08
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Project Number 040-007		5e
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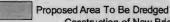






Profile A-A'
Scale: 1" = 100'

#### Legend



Construction of New Bridge = 59,100 yds³ Removal of Old Bridge = 15,700 yds³ Maintenance Dredging = 7,500 yds³ TOTAL = 82,300 yds³

### 100 0 100 Scale: 1" = 100'

#### **Notes**

- Fill associated with the proposed project will consist of the displacement of 12,800 yd<sup>3</sup> of non-vegetated water bottoms associated with the setting of bridge piles.
- 2. All fill associated with dredged water bottoms will be hauled offsite.
- 3. Concrete associated with construction of new bridge 11,192 yd3.
- Crushed stone fill associated with approaches to new bridge 1,989 yd<sup>3</sup>.

#### Reference

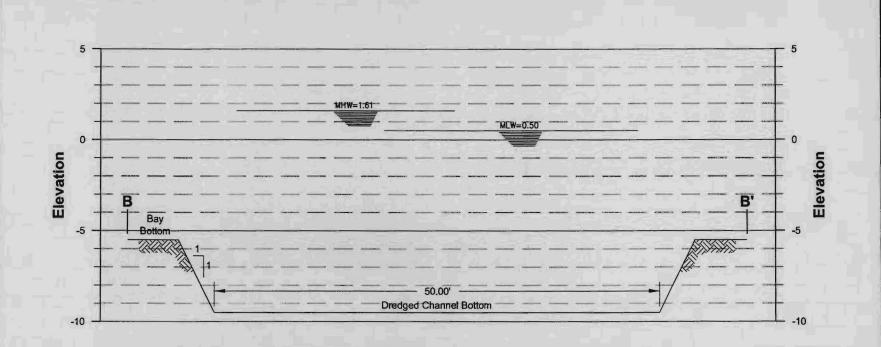
Base drawing provided by client.

## Profile View A-A' Caminada Bay Bridge Coastal Use Permit

SPN 064-01-0040/FAP BR-52-01(001)
Jefferson Parish, Louisiana



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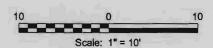


#### Section B-B'

Horizontal Scale: 1" = 10' Vertical Scale: 1" = 5'

#### **Notes**

- 1. Dredging for Construction of New Bridge = 59,100 yd³
- 2. Dredging for Removal of Old Bridge = 15,700 yd3
- Maintenance Dredging During Construction Period = 7,500 yd<sup>3</sup> (10% of Total Dredging)
- 4. All fill associated with dredged water bottoms will be hauled offsite.

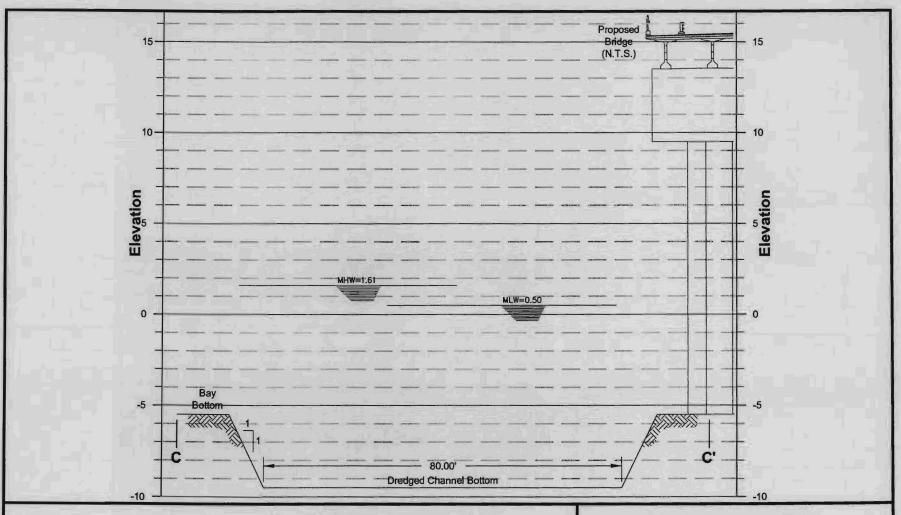


# Cross Section B-B' Caminada Bay Bridge Coastal Use Permit

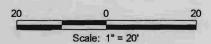
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Jefferson Parish, Louisiana



Drawn By	LMM	10/01/08
Checked By	DRA	10/01/08
Approved By		
Project Number 040-007		6a
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- 1. Dredging for Construction of New Bridge = 59,100 yd³
- 2. Dredging for Removal of Old Bridge = 15,700 yd3
- Maintenance Dredging During Construction Period = 7,500 yd<sup>3</sup> (10% of Total Dredging)
- 4. All fill associated with dredged water bottoms will be hauled offsite.



#### Section C-C'

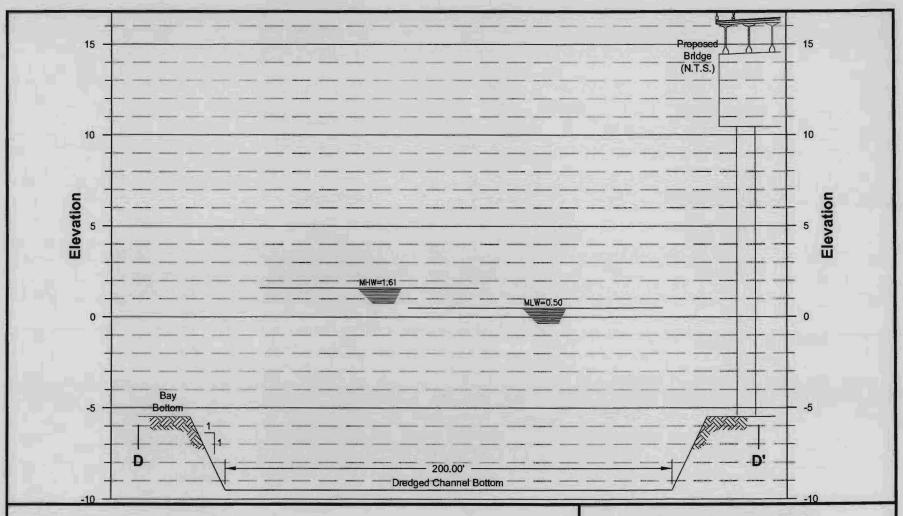
Horizontal Scale: 1" = 20' Vertical Scale: 1" = 5'

## Cross Section C-C' Caminada Bay Bridge Coastal Use Permit

Coastal Use Permit
SPN 064-01-0040/FAP BR-52-01(001)
Jefferson Parish, Louisiana



Drawn By	LMM	10/13/08
Checked By	DRA	10/13/08
Approved By	1	
Project Number 040-007		6b
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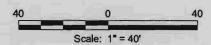


- 1. Dredging for Construction of New Bridge = 59,100 yd3
- 2. Dredging for Removal of Old Bridge = 15,700 yd3
- Maintenance Dredging During Construction Period = 7,500 yd<sup>3</sup> (10% of Total Dredging)
- 4. All fill associated with dredged water bottoms will be hauled offsite.

### Vertical Scale: 1" = 5'

Horizontal Scale: 1" = 40'

Section D-D'

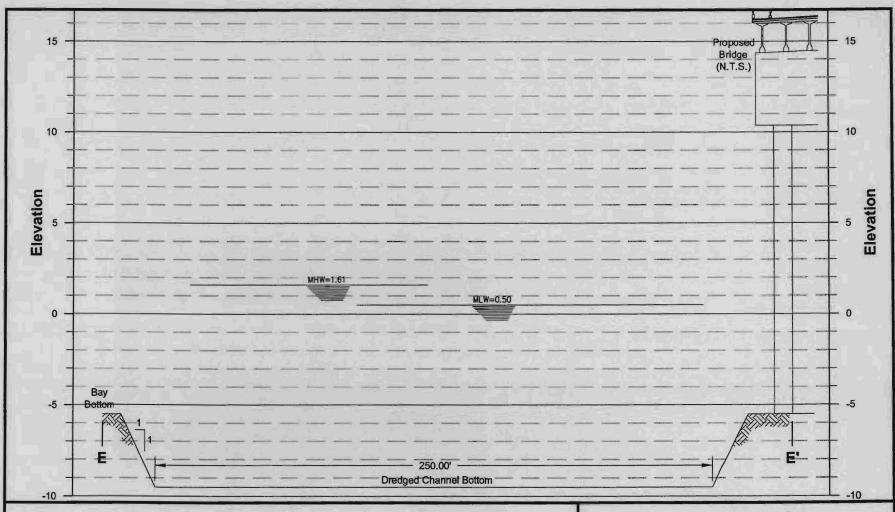


### **Cross Section D-D'** Caminada Bay Bridge Coastal Use Permit

SPN 064-01-0040/FAP BR-52-01(001) Jefferson Parish, Louisiana



Drawn By	LMM	10/13/08
Checked By	DRA	10/13/08
Approved By		
Project Number 040-007		6c
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- 1. Dredging for Construction of New Bridge = 59,100 yd3
- 2. Dredging for Removal of Old Bridge = 15,700 yd3
- Maintenance Dredging During Construction Period = 7,500 yd<sup>3</sup> (10% of Total Dredging)
- 4. All fill associated with dredged water bottoms will be hauled offsite.

### 40 0 40 Scale: 1" = 40'

#### Section E-E'

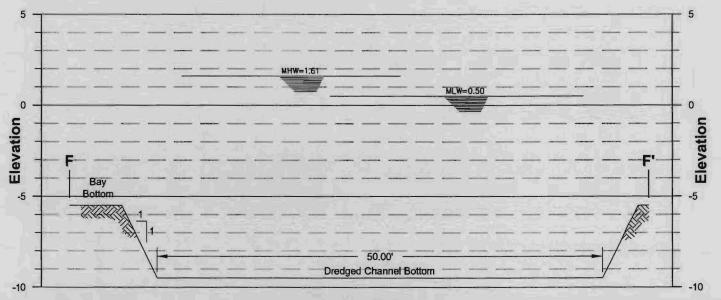
Horizontal Scale: 1" = 40' Vertical Scale: 1" = 5'

## Cross Section E-E' Caminada Bay Bridge Coastal Use Permit

SPN 064-01-0040/FAP BR-52-01(001)
Jefferson Parish, Louisiana



Drawn By	LMM	10/13/08
Checked By	DRA	10/13/08
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Project Number 040-007		6d
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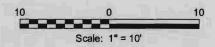


#### Section F-F'

Horizontal Scale: 1" = 10' Vertical Scale: 1" = 5'

#### **Notes**

- 1. Dredging for Construction of New Bridge = 59,100 yd³
- 2. Dredging for Removal of Old Bridge = 15,700 yd3
- Maintenance Dredging During Construction Period = 7,500 yd<sup>3</sup> (10% of Total Dredging)
- 4. All fill associated with dredged water bottoms will be hauled offsite.

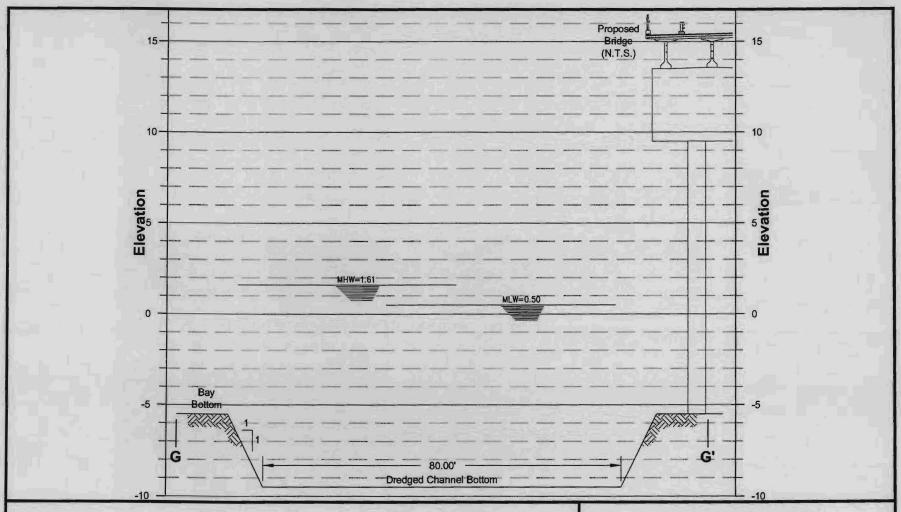


# Cross Section F-F' Caminada Bay Bridge Coastal Use Permit

SPN 064-01-0040/FAP BR-52-01(001)
Jefferson Parish, Louisiana



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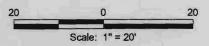


1. Dredging for Construction of New Bridge = 59,100 yd3

- 2. Dredging for Removal of Old Bridge = 15,700 yd³
- Maintenance Dredging During Construction Period = 7,500 yd<sup>3</sup> (10% of Total Dredging)
- 4. All fill associated with dredged water bottoms will be hauled offsite.

### Section G-G'

Horizontal Scale: 1" = 20' Vertical Scale: 1" = 5'

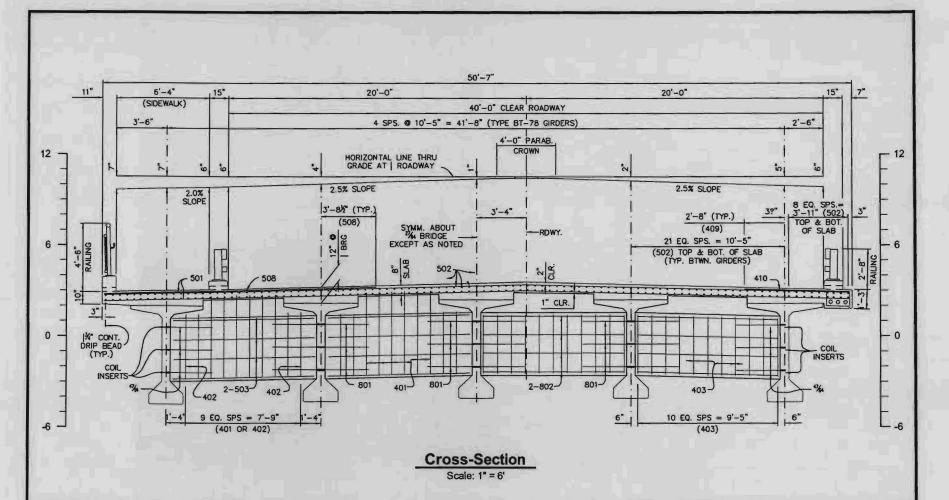


# Cross Section G-G' Caminada Bay Bridge Coastal Use Permit

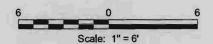
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Jefferson Parish, Louisiana



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- Fill associated with the proposed project will consist of the displacement of 12,800 yd³ of non-vegetated water bottoms associated with the setting of bridge piles.
- 2. All fill associated with dredged water bottoms will be hauled offsite.
- 3. Concrete associated with construction of new bridge 11,192 yd3.

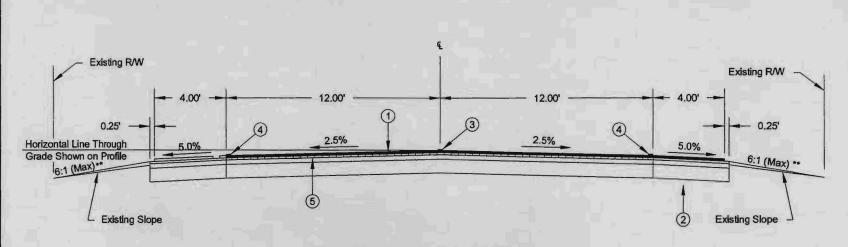


#### Bridge Cross-Section Sta. 99+75 to Sta. 139+20 Caminada Bay Bridge

Coastal Use Permit SPN 064-01-0040/FAP BR-52-01(001) Jefferson Parish, Louisiana



Drawn By	LMM	10/01/08
Checked By	DRA	10/01/08
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Drawing Number		
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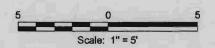


**Typical Section - Overlay** Applies Sta. 98+48 to Sta. 99+24 Applies Sta. 139+40 to Sta. 140+72

Scale: 1" = 5'

#### Legend

- 6" Superpave Asphaltic Concrete Wearing and Binder Course (222 yd³)
   10" Class 2 Base Course (1,989.9 yd³ Crushed Stone)
   Pavement Striping and Reflectorized Markers
   Pavement Striping
   6" Cold Planing (1,115.18 yd³)

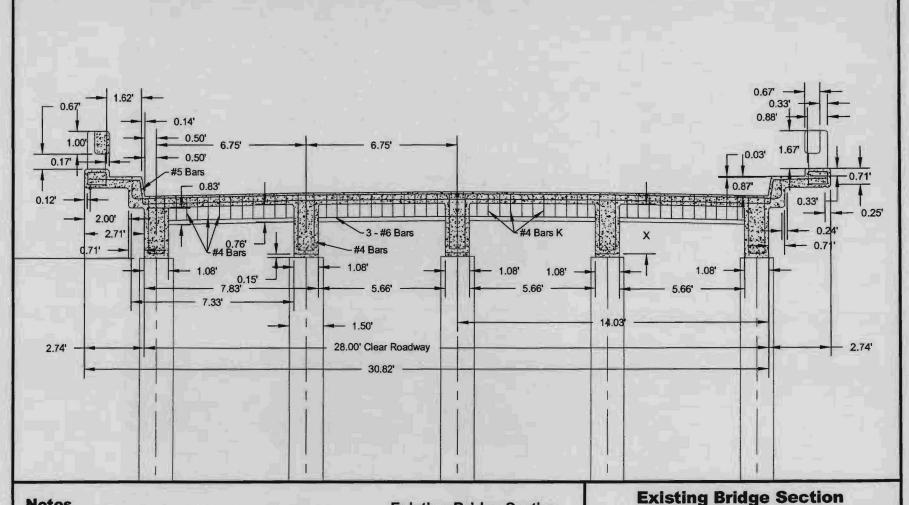


#### **Typical Section of Approach Caminada Bay Bridge**

Coastal Use Permit SPN 064-01-0040/FAP BR-52-01(001) Jefferson Parish, Louisiana



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Drawn By	LMM	10/23/08
Checked By	DRA	10/23/08
Approved By		
Project Number		7b
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Drawing Number		
040-007-A471		Figure



- 1. Construction of the new bridge will consist of the excavation of 59,100 yd3 of non-vegetated water bottoms.
- 2. Concrete from the removal of the existing bridge 7,500 yd3.

#### **Existing Bridge Section**

Scale: 1" = 4"

Louisiana
Department of Transportation and Development



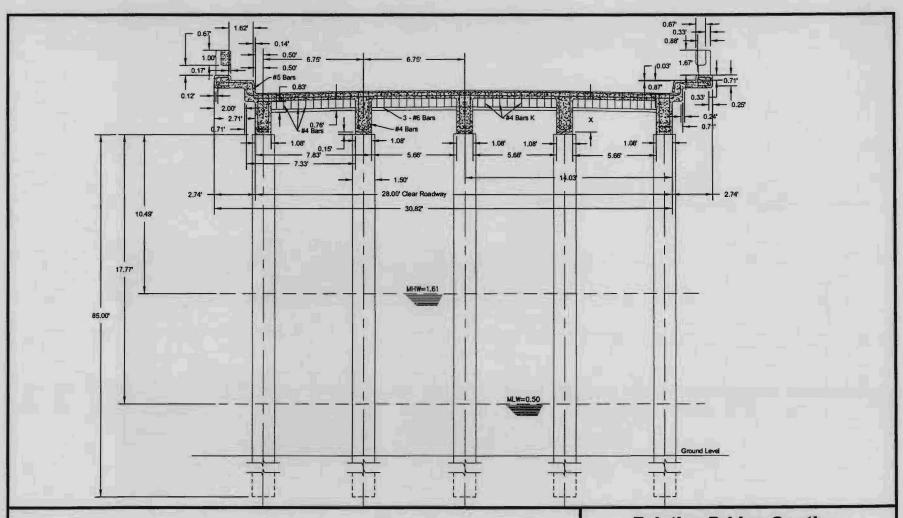
Drawn By	LMM	10/23/08
Checked By	DRA	10/23/08
Approved By		
Project Number 040-007		7c
Drawing Number 040-007-A472		

**Caminada Bay Bridge** 

**Coastal Use Permit** 

SPN 064-01-0040/FAP BR-52-01(001) Jefferson Parish, Louisiana

Scale: 1" = 4"



- 1. Construction of the new bridge will consist of the excavation of  $59,100~\text{yd}^3$  of non-vegetated water bottoms.
- 2. Concrete from the removal of the existing bridge 7,500 yd3.

### **Existing Bridge Section**

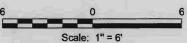
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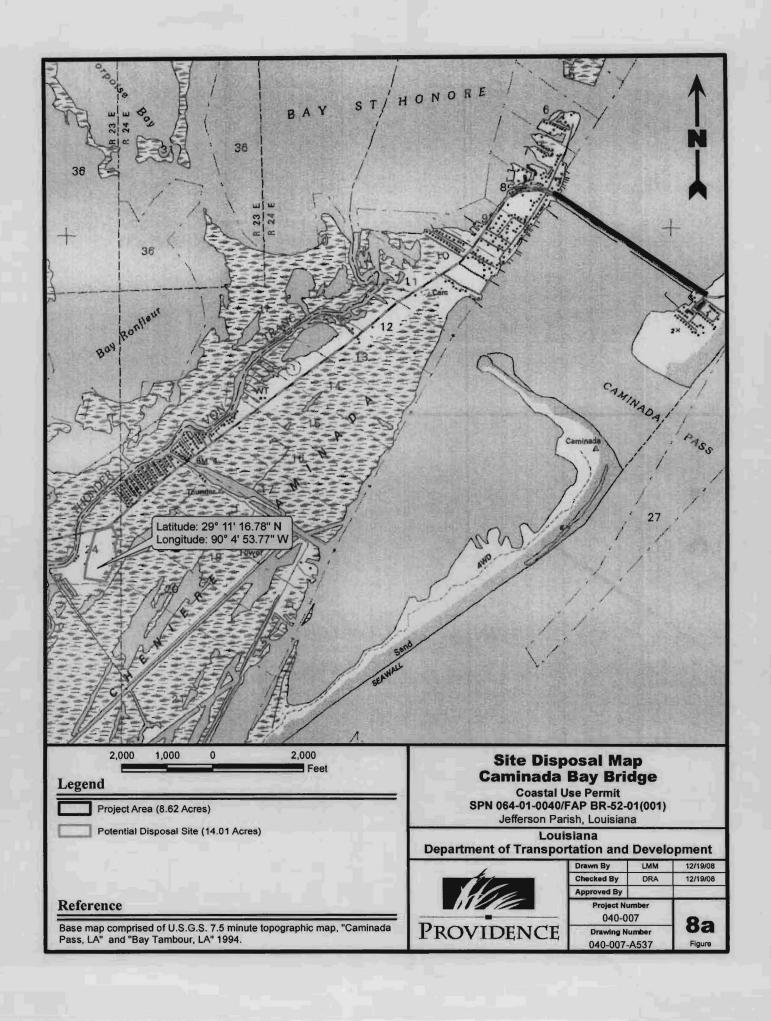
### Existing Bridge Section Caminada Bay Bridge

Coastal Use Permit SPN 064-01-0040/FAP BR-52-01(001) Jefferson Parish, Louisiana



Drawn By	LMM	11/07/08
Checked By	DRA	11/07/08
Approved By		
Project Number 040-007		7d
Drawing Number 040-007-A488		







Feet Legend

Proposed Fill Area (14.01 Acres)

Reference

Base map comprised of 2007 aerial photography.

Caminada Bay Bridge Coastal Use Permit SPN 064-01-0040/FAP BR-52-01(001) Jefferson Parish, Louisiana

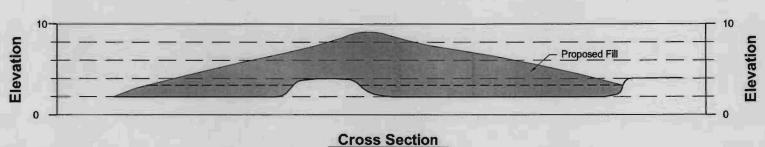
Louisiana

**Department of Transportation and Development** 



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Checked By	DRA	12/19/08
Approved By		
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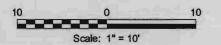
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Horizontal Scale: 1" = 10' Vertical Scale: 1" = 10'

#### Note

Proposed Fill = 82,300 yd3



## Site Disposal Area Cross Section Caminada Bay Bridge

Coastal Use Permit SPN 064-01-0040/FAP BR-52-01(001) Jefferson Parish, Louisiana



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